

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David Knight and Scott Siegel

Divisional Application of

Application No.: 09/927,703

Filed: August 10, 2001

For: METHODS OF TREATING MYELODYSPLASTIC SYNDROME WITH ANTI-TNF ANTIBODIES

Date: December 7, 2001

EXPRESS MAIL LABEL NO. EL 930599738 US

TRANSMITTAL OF DECLARATION/POWER OF ATTORNEY AND  
NOTICE OF CHANGE OF CORRESPONDENCE ADDRESS

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Copies of four executed Declaration/Power of Attorney documents, are being filed concurrently in the above-referenced patent application. At page 2, the Declaration/Power of Attorney sets forth the former address of the undersigned in the appointment of agent and as correspondence address. Please send all correspondence to: Customer No. 021005, Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, Massachusetts 01742-9133. In addition, please direct all telephone calls to Carolyn S. Elmore at (978) 341-0036, and all facsimile communications to (978) 341-0136.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Deirdre Sanders  
Deirdre E. Sanders  
Registration No.: 42,122  
Telephone: (978) 341-0036  
Facsimile: (978) 341-0136

Concord, MA 01742-9133

Date: December 7, 2001

COPY FOR CONTINUING  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
APPLICATION

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor

the specification of which (check one)

[X] is attached hereto.

[ ] was filed on \_\_\_\_\_ as United States Application

Number or PCT International Application Serial No. \_\_\_\_\_

and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			<u>Priority Not Claimed</u>
(Number)	(Country)	(Day/Month/Year filed)	[ ]
(Number)	(Country)	(Day/Month/Year filed)	[ ]
(Number)	(Country)	(Day/Month/Year filed)	[ ]

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

(Application Number)	(Filing Date)
(Application Number)	(Filing Date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>08/570.674</u> (Application Serial No.)	<u>December 11, 1995</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>08/324.799</u> (Application Serial No.)	<u>October 18, 1994</u> (Filing date)	<u>Patented</u> (Status: patented, pending, abandoned)
<u>08/192.102</u> (Application Serial No.)	<u>February 4, 1994</u> (Filing date)	<u>Patented</u> (Status: patented, pending, abandoned)
<u>08/192.861</u> (Application Serial No.)	<u>February 4, 1994</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>08/192.093</u> (Application Serial No.)	<u>February 4, 1994</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>08/010.406</u> (Application Serial No.)	<u>January 29, 1993</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)
<u>08/013.413</u> (Application Serial No.)	<u>February 2, 1993</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)
<u>07/943.852</u> (Application Serial No.)	<u>September 11, 1992</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)
<u>07/853.606</u> (Application Serial No.)	<u>March 18, 1992</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)
<u>07/670.827</u> (Application Serial No.)	<u>March 18, 1991</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the attorneys and/or agents associated with

Hamilton, Brook, Smith & Reynolds, P.C.  
2 Militia Drive  
Lexington, Massachusetts 02173  
Customer No. 21005

to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the attorneys and/or agents associated with Customer No. 21005 to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states;

and \_\_\_\_\_

Send correspondence to: \_\_\_\_\_ David E. Brook, Esq.  
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
Two Militia Drive, Lexington, Massachusetts 02173

Direct telephone calls to: David E. Brook, Esq.  
(781) 861-6240

Direct facsimiles to: David E. Brook, Esq.  
(781) 861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole  
or first inventor Junming Le  
Inventor's  
Signature  Date 7/2/1998  
Residence 33-26 92nd Street Apt. 3X  
Jackson Heights, New York 11372  
Citizenship Chinese USA 7/2/1998  
Post Office Address Same as above

Full name of second joint  
inventor, if any Jan Vilcek  
Inventor's  
Signature Jan Vilcek Date 7/2/98  
Residence 180 East 79th Street  
New York, New York 10021  
Citizenship USA  
Post Office Address Same as above

Full name of third joint inventor, if any Peter Daddona  
Inventor's  
Signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence 35 Anderson Way  
\_\_\_\_\_  
Menlo Park, California 94025  
Citizenship USA  
Post Office Address Same as above

Full name of fourth joint

inventor, if any John Ghrayeb

Inventor's

Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 3202 Rave Road

Thorndale, Pennsylvania 19372

Citizenship USA

Post Office Address Same as above

Full name of fifth joint

inventor, if any David Knight

Inventor's

Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 2430 Whitehorse Road

Berwyn, Pennsylvania 19312

Citizenship USA

Post Office Address Same as above

Full name of sixth joint

inventor, if any Scott Siegel

Inventor's

Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 6 Piccadilly Way

Westborough, Massachusetts 01581

Citizenship USA

Post Office Address Same as above

Full name of seventh joint

inventor, if any \_\_\_\_\_

Inventor's

Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

DOCKET NO. NYU93-01M4AZ

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

COPY FOR CONTINUING  
APPLICATION

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor

the specification of which (check one)

is attached hereto.

was filed on \_\_\_\_\_ as United States Application

Number or PCT International Application Serial No. \_\_\_\_\_

and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority  
Not  
Claimed

(Number) \_\_\_\_\_ (Country) \_\_\_\_\_ (Day/Month/Year filed) \_\_\_\_\_

[ ]

(Number) \_\_\_\_\_ (Country) \_\_\_\_\_ (Day/Month/Year filed) \_\_\_\_\_

[ ]

(Number) \_\_\_\_\_ (Country) \_\_\_\_\_ (Day/Month/Year filed) \_\_\_\_\_

[ ]

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

(Application Number) \_\_\_\_\_ (Filing Date) \_\_\_\_\_

(Application Number) \_\_\_\_\_ (Filing Date) \_\_\_\_\_

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>08/570,674</u> (Application Serial No.)	<u>December 11, 1995</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>08/324,799</u> (Application Serial No.)	<u>October 18, 1994</u> (Filing date)	<u>Patented</u> (Status: patented, pending, abandoned)
<u>08/192,102</u> (Application Serial No.)	<u>February 4, 1994</u> (Filing date)	<u>Patented</u> (Status: patented, pending, abandoned)
<u>08/192,861</u> (Application Serial No.)	<u>February 4, 1994</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>08/192,093</u> (Application Serial No.)	<u>February 4, 1994</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>08/010,406</u> (Application Serial No.)	<u>January 29, 1993</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)
<u>08/013,413</u> (Application Serial No.)	<u>February 2, 1993</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)
<u>07/943,852</u> (Application Serial No.)	<u>September 11, 1992</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)
<u>07/853,606</u> (Application Serial No.)	<u>March 18, 1992</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)
<u>07/670,827</u> (Application Serial No.)	<u>March 18, 1991</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the attorneys and/or agents associated with

Hamilton, Brook, Smith & Reynolds, P.C.  
2 Militia Drive  
Lexington, Massachusetts 02173  
Customer No. 21005

to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the attorneys and/or agents associated with Customer No. 21005 to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states;

and \_\_\_\_\_

Send correspondence to: \_\_\_\_\_ David E. Brook, Esq.  
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
Two Militia Drive, Lexington, Massachusetts 02173

Direct telephone calls to: David E. Brook, Esq.  
(781) 861-6240

Direct facsimiles to: David E. Brook, Esq.  
(781) 861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole  
 or first inventor Junming Le  
 Inventor's  
 Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Residence 33-26 92nd Street Apt. 3X  
 \_\_\_\_\_ Jackson Heights, New York 11372  
 Citizenship Chinese  
 Post Office Address Same as above

Full name of second joint  
 Inventor, if any Jan Vilcek  
 Inventor's  
 Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Residence 180 East 79th Street  
 \_\_\_\_\_ New York, New York 10021  
 Citizenship USA  
 Post Office Address Same as above

Full name of third joint  
Inventor, if any Peter Daddona  
Inventor's  
Signature Peter Daddona Date 7/9/98  
Residence 35 Anderson Way  
Menlo Park, California 94025  
Citizenship USA  
Post Office Address Same as above

Full name of fourth joint

inventor, if any John Ghrayeb

Inventor's

Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 3202 Rave Road

Thorndale, Pennsylvania 19372

Citizenship USA

Post Office Address Same as above

Full name of fifth joint

inventor, if any David Knight

Inventor's

Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 2430 Whitehorse Road

Berwyn, Pennsylvania 19312

Citizenship USA

Post Office Address Same as above

Full name of sixth joint

inventor, if any Scott Siegel

Inventor's

Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 6 Piccadilly Way

Westborough, Massachusetts 01581

Citizenship USA

Post Office Address Same as above

Full name of seventh joint

inventor, if any \_\_\_\_\_

Inventor's

Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

DOCKET NO. NYU93-01M4AZ

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COPY FOR PRINTING  
APPLICATION

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor

the specification of which (check one)

[X] is attached hereto.

[ ] was filed on \_\_\_\_\_ as United States Application

Number or PCT International Application Serial No. \_\_\_\_\_

and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>	<u>Priority Not Claimed</u>
(Number) _____ (Country) _____ (Day/Month/Year filed) _____	[ ]
(Number) _____ (Country) _____ (Day/Month/Year filed) _____	[ ]
(Number) _____ (Country) _____ (Day/Month/Year filed) _____	[ ]

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

(Application Number) \_\_\_\_\_ (Filing Date) \_\_\_\_\_

(Application Number) \_\_\_\_\_ (Filing Date) \_\_\_\_\_

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>08/570,674</u> (Application Serial No.)	<u>December 11, 1995</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>08/324,799</u> (Application Serial No.)	<u>October 18, 1994</u> (Filing date)	<u>Patented</u> (Status: patented, pending, abandoned)
<u>08/192,102</u> (Application Serial No.)	<u>February 4, 1994</u> (Filing date)	<u>Patented</u> (Status: patented, pending, abandoned)
<u>08/192,861</u> (Application Serial No.)	<u>February 4, 1994</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>08/192,093</u> (Application Serial No.)	<u>February 4, 1994</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>08/010,406</u> (Application Serial No.)	<u>January 29, 1993</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)
<u>08/013,413</u> (Application Serial No.)	<u>February 2, 1993</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)
<u>07/943,852</u> (Application Serial No.)	<u>September 11, 1992</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)
<u>07/853,606</u> (Application Serial No.)	<u>March 18, 1992</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)
<u>07/670,827</u> (Application Serial No.)	<u>March 18, 1991</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the attorneys and/or agents associated with

Hamilton, Brook, Smith & Reynolds, P.C.  
2 Militia Drive  
Lexington, Massachusetts 02173  
Customer No. 21005

to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the attorneys and/or agents associated with Customer No. 21005 to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states;

and \_\_\_\_\_

Send correspondence to: David E. Brook, Esq.  
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
Two Militia Drive, Lexington, Massachusetts 02173

Direct telephone calls to: David E. Brook, Esq.  
(781) 861-6240

Direct facsimiles to: David E. Brook, Esq.  
(781) 861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole  
or first inventor Junming Le

Inventor's  
Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 33-26 92nd Street Apt. 3X  
Jackson Heights, New York 11372

Citizenship Chinese

Post Office Address Same as above

Full name of second joint  
inventor, if any Jan Vilcek

Inventor's  
Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 180 East 79th Street  
New York, New York 10021

Citizenship USA

Post Office Address Same as above

Full name of third joint  
inventor, if any Peter Daddona

Inventor's  
Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 35 Anderson Way  
Menlo Park, California 94025

Citizenship USA

Post Office Address Same as above

Full name of fourth joint

inventor, if any John Ghraeb

Inventor's

Signature John Ghraeb

Date

7/22/98

Residence 3202 Rave Road

6 Summerhill Dr

Thorndale, Pennsylvania 19372

Downington, PA 19335

Citizenship USA

USA

Post Office Address Same as above

Full name of fifth joint

inventor, if any David Knight

Inventor's

Signature David Knight

Date

7/22/98

Residence 2430 Whitehorse Road

Berwyn, Pennsylvania 19312

Citizenship USA

Post Office Address Same as above

Full name of sixth joint

inventor, if any Scott Siegel

Inventor's

Signature Scott Siegel

Date

Residence 6 Piccadilly Way

Westborough, Massachusetts 01581

Citizenship USA

Post Office Address Same as above

Full name of seventh joint

inventor, if any                   

Inventor's

Signature                   

Date                   

Residence                   

Citizenship                   

Post Office Address

DOCKET NO. NYU93-01M4AZ

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that

**COPY FOR CONTINUING  
APPLICATION**

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor

the specification of which (check one)

is attached hereto.

was filed on \_\_\_\_\_ as United States Application

Number or PCT International Application Serial No. \_\_\_\_\_

and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority  
Not  
Claimed

(Number) \_\_\_\_\_ (Country) \_\_\_\_\_ (Day/Month/Year filed) \_\_\_\_\_

[ ]

(Number) \_\_\_\_\_ (Country) \_\_\_\_\_ (Day/Month/Year filed) \_\_\_\_\_

[ ]

(Number) \_\_\_\_\_ (Country) \_\_\_\_\_ (Day/Month/Year filed) \_\_\_\_\_

[ ]

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

(Application Number) \_\_\_\_\_ (Filing Date) \_\_\_\_\_

(Application Number) \_\_\_\_\_ (Filing Date) \_\_\_\_\_

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>08/570,674</u> (Application Serial No.)	<u>December 11, 1995</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>08/324,799</u> (Application Serial No.)	<u>October 18, 1994</u> (Filing date)	<u>Patented</u> (Status: patented, pending, abandoned)
<u>08/192,102</u> (Application Serial No.)	<u>February 4, 1994</u> (Filing date)	<u>Patented</u> (Status: patented, pending, abandoned)
<u>08/192,861</u> (Application Serial No.)	<u>February 4, 1994</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>08/192,093</u> (Application Serial No.)	<u>February 4, 1994</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>08/010,406</u> (Application Serial No.)	<u>January 29, 1993</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)
<u>08/013,413</u> (Application Serial No.)	<u>February 2, 1993</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)
<u>07/943,852</u> (Application Serial No.)	<u>September 11, 1992</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)
<u>07/853,606</u> (Application Serial No.)	<u>March 18, 1992</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)
<u>07/670,827</u> (Application Serial No.)	<u>March 18, 1991</u> (Filing date)	<u>Abandoned</u> (Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the attorneys and/or agents associated with

Hamilton, Brook, Smith & Reynolds, P.C.  
2 Militia Drive  
Lexington, Massachusetts 02173  
Customer No. 21005

to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the attorneys and/or agents associated with Customer No. 21005 to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states;

and \_\_\_\_\_

Send correspondence to: \_\_\_\_\_ David E. Brook, Esq.  
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
Two Militia Drive, Lexington, Massachusetts 02173



Full name of fourth joint

inventor, if any John Ghrayeb

Inventor's

Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 3202 Rave Road

Thorndale, Pennsylvania 19372

Citizenship USA

Post Office Address Same as above

Full name of fifth joint

inventor, if any David Knight

Inventor's

Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 2430 Whitehorse Road

Berwyn, Pennsylvania 19312

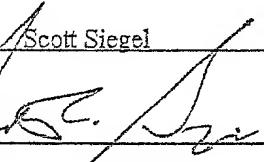
Citizenship USA

Post Office Address Same as above

Full name of sixth joint

inventor, if any Scott Siegel

Inventor's

Signature  Date 8/6/98

Residence 6 Piccadilly Way

Westborough, Massachusetts 01581

Citizenship USA

Post Office Address Same as above

Full name of seventh joint

inventor, if any \_\_\_\_\_

Inventor's

Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_